

Abstract of the Disclosure

5 A graphics integrated circuit chip is used in a set-top box  
for controlling a television display. The graphics chip processes  
analog video input, digital video input, a graphics input and an  
audio input simultaneously. The chip processes graphics images  
organized as windows. The chip obtains data that describes the  
10 windows, sorts the data according to the depth of the window on the  
display, transfers graphics images from memory, and blends the  
graphics images using alpha values associated with the graphics  
images.

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